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September 22, 1994

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The attached document is an interim sharing arrangement for the bands, 901-902 MHz, 930-931 MHz and 940-941 MHz, as agreed between representatives of Industry Canada and the Federal Communications Commission (FCC) during the Radio Technical Liaison Committee (RTLC) meeting held September 22, 1994. This interim sharing arrangement will apply until modified and agreed at a subsequent RTLC meeting.

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Technology

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Commission

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## Interim Sharing Arrangement For the Bands 901-902 MHz, 930-931 MHz, and 940-941 MHz

Considering that the FCC has allocated and has begun licensing spectrum at 901-902 MHz, 930-931 MHz, and 940-941 MHz for narrowband PCS and advanced paging operations in the United States and Industry Canada has indicated that Canada has requirements for similar uses of this spectrum, the following Arrangement will apply to the use of these frequencies:

- 1) The frequency bands will be channelized as shown in Appendix A to provide for fourteen channels of 50 kHz paired with 50 kHz; sixteen channels of 50 kHz paired with 12.5 kHz; ten channels of 50 kHz unpaired; and eight channels of 12.5 kHz unpaired; for a total of 48 channels.
- 2) Except as provided for in paragraphs 3) and 4) below, each administration shall have primary use of 24 channels, as specified in Appendix B, within Lines A and  $B^1$ .
- 3) In the Toronto/Buffalo region, defined as the area within Lines A and B and between 81 and 71 degrees West longitude, Canada shall have primary use of 29 channels, and the United States shall have use of 19 channels, as specified in Appendix C.
- 4) In the Detroit/Windsor region, defined as the area within Lines A and B and between 85 and 81 degrees West longitude, United States shall have primary use of 35 channels, and Canada shall have primary use of 13 channels, as specified in Appendix D.
- 5) Each administration shall have use of all 48 channels beyond Lines A & B.
- 6) Stations transmitting in the 901-902 MHz band and all mobile stations in the 930-931 MHz and 940-941 MHz bands are limited to 7 watts e.r.p.
- 7) Base stations operating in the 930-931 MHz and 940-941 MHz bands are limited to 3500 watts e.r.p. and are unlimited in antenna height; however, where each country has primary use of some common channels, in the event there is any interference situation both the FCC and Industry Canada will take technical and operational measures as appropriate to permit operations on these common channels.

See: Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second, with Annex, as amended.

8) In developing a final arrangement for the sharing of these frequencies, the RTLC will investigate the possibility of special provisions to permit the greater use of all channels by both countries.

2 BTA 50/12.5 1.HZ	430.9 431	Praing Response 12.5 KHZ	36-10b	, ਰ	lhb
	430.9		06,109	2 MTA 50 KHZ unpaired	946.9
3 MTA 50/12.5 KHZ	930.75	Twelve 50/12.5KH7	3487 100	3 Nationwide 50KHz unmired	940.75
	d3(		3C.10P		245
4 Regional 50/12.5kHz	430,55	300 KHz not channelized		300 KHZ not channelized	
3 Nationwide 50/12.5 KHZ	X 5		901.45		940.45
50/	430.4	2 MTA 50/50KHz	35.	2 MTA 50/50 KHZ	940.35
channelized		2 Regional 50/50 KHZ	901.25 A 20.10P	2 Regional 50/50 KHz	940.25 940
100					
400 KHZ		50/50 KHZ	<del></del>	5 Nationwide 50/50 KHZ	
	930	50	106	2000	340

NARROWBAND PCS BANDPIAN

Appendix B General Channel Plan							
901 - 902 MHz		930 - 931	930 - 931 MHz		940 - 941 MHz		
USA							
901.025	(50kHz)			940.025	(50kHz)		
901.075	**			940.075	Ŕ		
901.125	*1			940.125	**		
901.175	n			940.175	**		
901.225	н			940.225	**		
901.275	Ħ			940.275	#		
901.325	н			940.325	••		
CAN							
901.375	(50 kHz)			940.375	(50 kHz)		
901.425	н			940.425	"		
901.475	и .	-		940.475	н		
901.525	11			940.525	н		
901.575	11			940.575	<b>(</b> (		
901.625	11			940.625	**		
901.675	"			940.675	11		
				940.725	11		
		930.025	(50 kHz)				
		930.075	"	·			
		930.125	"				
		930.175	ч				
901.70625	(12.5 kHz)	930.225	(50 kHz)				
901.71875	"	930.275	"				
901.73125	•	930.325	in the second				
901.74375	-	930.375	•				
USA							
901.75625	(12.5 kHz)	930.425	(50 kHz)				
901.76875	#	930.475	(30 10 2.)				
901.78125	11	930.525	41	i	•		
901.79375	н	930.575	rı .				
901.80625	Ħ	930.625	tr.				
901.81875	11	930.675	**				
901.83125	н	930.725	<b>t</b> 1				
901.84375	+4	930.775	11				

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz	
USA			
		940.775 (5	0 kH
		940.825	**
		940.875	**
		940.925	41
		940.975	**
CAN			
901.85625 (12.5 kHz)	930.825 (50 kHz)		
901.86875 "	930.875 "		
901.88125 "	930.925 "		
901.89375 "	930.975 "		
USA			
901.90625 (12.5 kHz)			
901.91875			
901.93125			
901.94375 "			
CAN			
901.95625 (12.5 kHz)			
901.96875			
901.98125			
901.99375	1	1	

.

901 - 902 MHz		930 - 931	930 - 931 MHz		940 - 941 MHz	
USA						
901.025	(50kHz)			940.025	(50kHz)	
901.075	•			940.075	**	
901.125	н			940.125	#	
901.175	Ħ			940.175	**	
901.225	н			940.225	#4	
901.275	H			940.275	**	
CAN						
901.325				940.325	(50 kHz)	
901.375	(50 kHz)			940.375	•	
901.425	41			940.425	*	
901.475	a			940.475	Ħ	
901.525	*1			940.525	11	
901.575	ч			940.575	41	
901.625	н			940.625	#	
901.675	11			940.675	11	
				940.725	**	
		930.025	(50 kHz)			
		930.075	н			
		930.125	н			
		930.175				
901.70625	(12.5 kHz)	930.225	(50 kHz)			
901.71875	•	930.275	•			
901.73125	•	930.325	H			
901.74375	4	930.375	<b>4</b>			
USA						
901.75625	(12.5 kHz)	930.425	(50 kHz)			
901.76875	Ħ	930.475	и			
901.78125	н	930.525	14			
901.79375	**	930.575	ti			
901.80625	"	930.625	**			
901.81875	"	930.675	14			
901.83125	н	930.725	11			

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
		940,775 (50 kHz
		940.825
		940.875 "
		940.925 "
CAN		
901.84375 (12.5 kHz)	930.775 (50 kHz)	
901.85625	930.825	
901.86875 "	930.875 "	
901.88125	930.925 "	
901.89375 "	930.975 "	
		940.975 (50 kHz)
USA		
901.90625 (12.5 kHz)		
901.91875		
CAN		
901.93125 (12.5 kHz)		
901.94375 *		
901.95625		
901.96875 * 901.98125 * *		
901.98123		

Appendix I	D: Channel Plan	for Detroit/Wi	ndsor Region			
901 - 902 MHz		930 - 931	930 - 931 MHz		940 - 941 MHz	
USA						
901.025	(50kHz)			940.025	(50kHz)	
901.075	#			940.075	41	
901.125	H			940.125	**	
901.175	#	}		940.175	ti	
901.225	н			940.225	#	
901.275	н			940.275	ш	
901.325	н			940.325	tt.	
901.375	H :			940.375	н	
901.425	н			940.425	u .	
901.475	н			940.475	41	
CAN		-				
901.525	(50 kHz)			940.525	(50 kHz)	
901.575	<b>e</b> t			940.575	11	
901.625	11			940.625	•#	
901.675	**			940.675	rı	
		930.025	(50 kHz)			
		930.075	11			
		930.125	tt .			
USA						
7,		930.175	(50 kHz)			
				940.725	(50 kHz)	
				940.775	11	
				940.825		
				940.875	11	
				940.925	44	
				940.975	н	
CAN						
901.70625	(12.5 kHz)	930.225	(50 kHz)			
901.71875	"	930.275	"			
901.73125	#	930.325	**			
901.74375	u	930.375	"			

901 - 902 M	IHz	930 - 931 1	MHz	940 - 941 MHz
USA				
901.75625	(12.5 kHz)	930.425	(50 kHz)	
901.76875	Ħ	930.475	*	
901.78125	н	930.525	н	
901.79375	Ħ	930.575	н	
901.80625	н	930.625	Ħ	
901.81875	Ħ	930.675	н	
901.83125	et	930.725	н	
901.84375	н	930.775	**	
901.85625	Ħ	930.825	*	
901.86875	**	930.875	Ħ	
901.88125	41	930.925	н	
901.89375	u .	930.975	H	
901.90625	(12.5 kHz)			
901.91875	•			
901.93125	-			
901.94375	*			
901.95625	**			
901.96875	tt			
CAN				
901.98125	(12.5 kHz)			
901.99375	11			

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